



News from RFS

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RFS to Showcase Latest Solutions for Simplifying Wireless Network Evolution at MWC Americas 2017

Total-Package Solutions Supplier Debuting New and Enhanced High-Performance Antennas, Conditioning Products and Telecom Infrastructure Components



Meriden, CT, August 31, 2017 – [Radio Frequency Systems](#) (RFS), a global designer and manufacturer of cable, antenna and tower systems providing total-package solutions for wireless and broadcast infrastructure, will be showcasing its latest solutions at [Mobile World Congress Americas](#) in Hall West Stand EMR.10 and EMR. 15 from September 12-14th in San

Francisco. RFS' total-package solutions simplify the evolution of wireless networks as operators strive to provide superior coverage, and adapt to growing traffic demands and changing industry standards.

New and Enhanced Antennas and Conditioning Products

At the show, RFS will be showcasing the latest additions to its antenna portfolio, including:

- ❖ A deep redesign of its small diameter microwave antennas that incorporates numerous enhancements such as a new deep dish reflector design, a pre-assembled mount, a new pre-assembled feed design, and fewer parts to be assembled which results in a lower weight and smaller packing size. This enables simplified installation in less than five minutes, while improving the overall antenna performance and the customer experience.
- ❖ A cross-polarized, triple band small cell antenna which provides a six-port Omni-Directional platform for advanced use by encompassing low band 700MHz and 800MHz deployment scenarios and AWS and PCS in high band in a high-quality package built to withstand harsh environments. Its superior Omni-Pattern performance provides increased fill-in coverage, eliminating dead zones and offering 360-degree coverage. The unique radiating structure minimizes null depth in both low and high bands and it is available with the option of an external ACU.
- ❖ Updates to its high-performance [600 MHz base station antennas](#) and RF conditioning products to best support the necessary infrastructure upgrades of telecom operators transitioning to the coveted 600 MHz spectrum airwaves. The 6ft and 8ft antennas will now be available in two-port, four-port, and six-port models, with eight-port models available soon. The four-port antenna supports 4x4 MIMO in 600/700 MHz, while the eight-port antenna will have two columns each for 4x4 MIMO in both low-band and high band, all within a 24-inch radome. All products are available with 7-16 or 4.3-10 connectors.
- ❖ RFS will also be showcasing the latest addition to its ShareLite™ multiplexer platform, its small cell PCS/AWS-WCS-2.7GHz diplexer. This diplexer is the first introduction of a complete line of small cell multiplexers that are designed for maximum performance with the smallest size and lowest weight in the industry. Single, dual and quad configurations will be available in both side-by-side and stacked configurations. Multiple form factors will allow site integrators the flexibility they need when space is at a premium in the latest small cell/in-

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building deployments. In addition to covering all the PCS, AWS, WCS, and BRS spectrum, this diplexer also covers all the EBS frequencies for fixed wireless networks. 4.3-10 connectors are standard.

The Latest in Cables and Jumpers

RFS will be debuting its [red public safety UHF/VHF plenum coaxial cables](#) ideal for iDAS and oDAS applications where public safety may be at stake. The best-in-class cables are designed for emergency communications systems where the need for easily identifiable cable is pivotal, while still enabling the proven system performance and support for all wireless in-building applications that RFS is recognized for.

RFS will also be displaying its CELLFLEX® SecureFit RF Jumpers with an exceptionally easy-to-install weatherproofing boot pre-assembled to the jumper. The cost-effective boot ensures watertight sealing in the most extreme environmental conditions as a result of a sleek, close-fitting product design.

[Smart City Powered by RFS](#)

RFS continues to develop a new range of modular urban telecom infrastructure with its strategic partners. RFS' SmartTree solution enables small cell deployment that combines wireless coverage, intelligent lighting, green power and smart sensors. It supports full integration in city environments, which will become increasingly important as 5G and IoT are deployed.

To set up a meeting at MWC Americas 2017 with RFS to discuss these solutions please contact Paula Mennone at paula.mennone@rfsworld.com.

For media briefings please email Jordan.bouclin@svmpr.com

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About

Radio Frequency Systems (RFS) is a global designer and manufacturer of cable, antenna and tower systems, plus active and passive RF conditioning modules, providing total-package solutions for wireless infrastructure.

RFS serves OEMs, distributors, system integrators, operators and installers in the broadcast, wireless communications, land-mobile and microwave market sectors. As an ISO compliant organization with manufacturing and customer service facilities that span the globe, RFS offers cutting-edge engineering capabilities, superior field support and innovative product design. RFS is a leader in wireless infrastructure.

For more information, visit www.rfsworld.com, or follow us on Twitter: www.twitter.com/RFSworld.

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